

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Sheet		of		Application Number	Unassigned 09/836867
				Filing Date	Herewith 04/16/2001
				First Named Inventor	Balaban, David
				Group Art Unit	2621
				Examiner Name	M. Choobin
				Attorney Docket Number	018547-033860US

jc997 U.S. PTO  
09/836867

04/16/01

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
✓	AA	4,683,202		Mullis	07/28/87	
	AB	5,143,854		Pirrung et al.	09/01/92	
	AC	5,206,137		Ip et al.	04/27/93	
	AD	5,445,934		Fodor et al.	08/29/95	
	AE	5,492,806		Drmanac et al.	02/20/96	
	AF	5,525,464		Drmanac et al.	06/11/96	
	AG	5,571,639		Hubbell et al.	11/05/96	
	AH	5,593,839		Hubbell et al.	01/14/97	
	AI	5,667,972		Drmanac et al.	09/19/97	
	AJ	5,695,940		Drmanac et al.	12/09/97	
	AK	5,700,637		Southern	12/23/97	
	AL	5,707,806		Shuber	01/13/98	
	AM	5,777,888		Rine et al.	07/07/98	
	AN	5,843,767		Beattie	12/01/98	
	AO	5,871,697		Rothberg et al.	2/16/99	
	AP	SN 08/531,137		Chee et al.	10/16/95	
	AQ	SN 08/828,952		Webster et al.	03/28/97	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
✓	AR	EPO	EP 0 235 726			05/10/89		
	AS	EPO	EP 0 307 476			03/22/89		
	AT	EPO	EP 0 392 546			10/17/90		
	AU	EPO	EP 0 717 113			07/17/96		
	AV	EPO	EP 0 848 067			06/17/98		
	AW	WIPO	WO 89/11548			11/30/89		

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AX	WIPO	90/15070			12/13/90		
AY	WIPO	WO 92/10092			06/25/92		
AZ	WIPO	WO 92/10588			06/25/92		
BA	WIPO	WO 93/22456			11/11/93		
BB	WIPO	WO 95/11995			05/04/95		
BC	WIPO	WO 96/23078			08/01/96		
BD	WIPO	WO 97/10365			03/20/97		
BE	WIPO	WO 97/17317			05/15/97		
BF	WIPO	WO 97/19410			05/29/97		
BG	WIPO	WO 97/27317			07/31/97		
BH	WIPO	WO 97/29212			08/14/97		

Examiner Signature	<i>Bangchun</i>	Date Considered	7/11/02
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Sheet

of

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Examiner Name	
Attorney Docket Number	

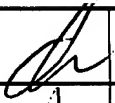
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## **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
ch	BI	Adams et al., "Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project", <u>Science</u> , 252(5013):1651-1656 (1991)	
	BJ	Adams et al., "Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project", <u>Science</u> , 252(5013):1651-1656 (1991)	
	BK	Drmanac, "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method", <u>Genomics</u> , 4:114-128 (1989)	
	BL	Frickett et al., "Development Of A Database For Nucleotide Sequences", <u>Mathematical Methods for DNA Sequences</u> , CRC Press, Ed. Waterman, pp. 2-34 (1989)	
	BM	Frickett et al., "Development Of A Database For Nucleotide Sequences", <u>Mathematical Methods for DNA Sequences</u> , CRC Press, Ed. Waterman, pp. 2-334 (1989)	
	BN	Gibbs et al., "Detection of Single DNA Base Differences by Competitive Oligonucleotide Priming", <u>Nucleic Acid Res.</u> , 17(7):2437-2448 (1989)	
	BO	Guatelli et al., "Isothermal, In Vitro Amplification of Nucleic Acids by a Multienzyme Reaction Modeled After Retroviral Replication", <u>Proc. Natl. Acad. Sci. USA</u> , (87(5):1874-1878 (1990)	
	BP	Gusella, "DNA Polymorphism and Human Disease", <u>Annu. Rev. Biochem.</u> , 55:831-854 (1986)	
	BQ	Hara et al., "Subtractive cDNA Cloning Using Oligo(dT) <sub>30</sub> -Latex And PCR: Isolation Of cDNA Clones Specific To Undifferentiated Human Embryonal Carcinoma Cells", <u>Nucleic Acids Res.</u> , 19(25):7097-7104 (1991)	
	BR	Hara et al., "Subtractive cDNA Cloning Using Oligo(dT) <sub>30</sub> -Latex And PCR: Isolation Of cDNA Clones Specific To Undifferentiated Human Embryonal Carcinoma Cells", <u>Nucleic Acids Res.</u> , 19(25):7097-7104 (1991)	
	BS	IntelliGenetics Suite (TM), Release 5.4, Advanced Training Manual, January 1993, published by IntelliGenetics, Inc., 700 East El Camino Real, Mountain View, California 94040, USA, pages (1-6) - (1-19) and (2-9) - (2-14), see entire document.	
	BT	Khan et al., "Single Pass Sequencing And Physical And Genetic Mapping Of Human Brain cDNAs", <u>Nat Genet.</u> , 2(3):180-185 (1992)	
	BU	Khan et al., "Single Pass Sequencing And Physical And Genetic Mapping Of Human Brain cDNAs", <u>Nat Genet.</u> , 2(3):180-185 (1992)	
	BV	Kwoh et al., "Transcription-Based Amplification System and Detection of Amplified Human Immunodeficiency Virus Type 1 With a Bead-Based Sandwich Hybridization Format", <u>Proc. Natl. Acad. Sci. USA</u> , 86(4):1173-1177	

Gen ID No. 09/834,867

	BW	Landegren et al., "A Ligase-Mediated Gene Detection Technique", <u>Science</u> , 241(4869):1077-1080 (1988)	
	BX	Matsubara et al., "Identification Of New Genes By Systematic Analysis Of cDNAs And Database Construction", <u>Curr. Opin. Biotechnol.</u> , 4(6):672-677 (1993)	
	BY	Mattila et al., "Fidelity of DNA Synthesis by the Thermococcus litoralis DNA Polymerase--An Extremely Heat Stable Enzyme With Proofreading Activity", <u>Nucleic Acids Res.</u> , 19(18):4967-4973 (1991)	
	BZ	Okubo et al., "Large Scale cDNA Sequencing for Analysis of Quantitative and Qualitative Aspects of Gene Expression", <u>Nature Genetics</u> , 2(3):173-179 (1993)	
	CA	Orita et al., "Detection of Polymorphisms of Human DNA by Gel Electrophoresis as Single-Strand Conformation Polymorphisms", <u>Proc. Natl. Acad. Sci. USA</u> , 86(8):2766-2770 (1989)	
	CB	PR Newswire, "Gene Logic to Use Affymetrix GeneChip Arrays to Build Gene Expression Database Products", (1999)	
	CC	Saiki et al., "Analysis of Enzymatically Amplified Beta-Globin and HLA-DQ Alpha DNA with Allele-Specific Oligonucleotide Probes", <u>Nature</u> , 324(6093):163-166(1986)	
	CD	Wu et al., "The Ligation Amplification Reaction (LAR)--Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation", <u>Genomics</u> , 4(4):560-569 (1989)	
	CE	Zhao et al., "High-density cDNA filter analysis: a novel approach for large-scale, quantitative analysis of gene expression," <u>Gene</u> , 156:207-213 (1995).	

Examiner Signature		Date Considered	7/11/02
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